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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	AUG 15	Indexing from 1937 to 1946 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS 35	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS 36	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS 37	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation

NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:59:08 ON 20 AUG 2003

=> FIL REGISTRY	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:59:16 ON 20 AUG 2003
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STRUCTURE FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5
DICTIONARY FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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=> s V[FLKA][FLKA][FLKA][FLKA]/SQSP AND SQL=5
      29 V[FLKA][FLKA][FLKA][FLKA]/SQSP
      53919 SQL=5
L1      29 V[FLKA][FLKA][FLKA][FLKA]/SQSP AND SQL=5

=> S L1 AND VF.../SQSP
      3 VF.../SQSP
L2      3 L1 AND VF.../SQSP

=> S L1 AND V.F.../SQSP
      6 V.F.../SQSP
L3      6 L1 AND V.F.../SQSP
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```

=> S L1 AND V..F./SQSP
    10 V..F./SQSP
L4      10 L1 AND V..F./SQSP

=> S L1 AND V...F/SQSP
    10 V...F/SQSP
L5      10 L1 AND V...F/SQSP

=> S L1 AND VK.../SQSP
    1 VK.../SQSP
L6      1 L1 AND VK.../SQSP

=> S L1 AND V.K../SQSP
    9 V.K../SQSP
L7      9 L1 AND V.K../SQSP

=> S L1 AND V..K./SQSP
    2 V..K./SQSP
L8      2 L1 AND V..K./SQSP

=> S L1 AND V...K/SQSP
    4 V...K/SQSP
L9      4 L1 AND V...K/SQSP

=> S L1 AND VL.../SQSP
    20 VL.../SQSP
L10     20 L1 AND VL.../SQSP

=> S L1 AND V.L../SQSP
    9 V.L../SQSP
L11     9 L1 AND V.L../SQSP

=> S L1 AND V..L./SQSP
    4 V..L./SQSP
L12     4 L1 AND V..L./SQSP

=> S L1 AND V...L/SQSP
    9 V...L/SQSP
L13     9 L1 AND V...L/SQSP

=> S L1 AND VA.../SQSP
    8 VA.../SQSP
L14     8 L1 AND VA.../SQSP

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L15     5 L1 AND V.A../SQSP

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L16     13 L1 AND V..A./SQSP

=> S L1 AND V...A/SQSP
    9 V...A/SQSP
L17     9 L1 AND V...A/SQSP

=> D HIST

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(FILE 'HOME' ENTERED AT 10:59:08 ON 20 AUG 2003)

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FILE 'REGISTRY' ENTERED AT 10:59:16 ON 20 AUG 2003
L1      29 S V[FLKA] [FLKA] [FLKA] [FLKA]/SQSP AND SQL=5
L2      3 S L1 AND VF.../SQSP

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L3 6 S L1 AND V.F../SQSP
 L4 10 S L1 AND V..F../SQSP
 L5 10 S L1 AND V...F/SQSP
 L6 1 S L1 AND VK.../SQSP
 L7 9 S L1 AND V.K../SQSP
 L8 2 S L1 AND V..K../SQSP
 L9 4 S L1 AND V...K/SQSP
 L10 20 S L1 AND VL.../SQSP
 L11 9 S L1 AND V.L../SQSP
 L12 4 S L1 AND V..L../SQSP
 L13 9 S L1 AND V...L/SQSP
 L14 8 S L1 AND VA.../SQSP
 L15 5 S L1 AND V.A../SQSP
 L16 13 S L1 AND V..A../SQSP
 L17 9 S L1 AND V...A/SQSP

=> S L2 OR L3 OR L4 OR L5
 L18 19 L2 OR L3 OR L4 OR L5

=> S L6 OR L7 OR L8 OR L9
 L19 15 L6 OR L7 OR L8 OR L9

=> S L10 OR L11 OR L12 OR L13
 L20 26 L10 OR L11 OR L12 OR L13

=> S L14 OR L15 OR L16 OR L17
 L21 19 L14 OR L15 OR L16 OR L17

=> S L18 AND L19
 L22 9 L18 AND L19

=> S L22 AND L20
 L23 9 L22 AND L20

=> S L23 AND L21
 L24 4 L23 AND L21

=> S L18 AND L19 AND L20 AND L21
 L25 4 L18 AND L19 AND L20 AND L21

=> D HIST

(FILE 'HOME' ENTERED AT 10:59:08 ON 20 AUG 2003)

FILE 'REGISTRY' ENTERED AT 10:59:16 ON 20 AUG 2003

L1 29 S V[FLKA][FLKA][FLKA][FLKA]/SQSP AND SQL=5
 L2 3 S L1 AND VF.../SQSP
 L3 6 S L1 AND V.F../SQSP
 L4 10 S L1 AND V..F../SQSP
 L5 10 S L1 AND V...F/SQSP
 L6 1 S L1 AND VK.../SQSP
 L7 9 S L1 AND V.K../SQSP
 L8 2 S L1 AND V..K../SQSP
 L9 4 S L1 AND V...K/SQSP
 L10 20 S L1 AND VL.../SQSP
 L11 9 S L1 AND V.L../SQSP
 L12 4 S L1 AND V..L../SQSP
 L13 9 S L1 AND V...L/SQSP
 L14 8 S L1 AND VA.../SQSP
 L15 5 S L1 AND V.A../SQSP
 L16 13 S L1 AND V..A../SQSP
 L17 9 S L1 AND V...A/SQSP
 L18 19 S L2 OR L3 OR L4 OR L5
 L19 15 S L6 OR L7 OR L8 OR L9

L20 26 S L10 OR L11 OR L12 OR L13
 L21 19 S L14 OR L15 OR L16 OR L17
 L22 9 S L18 AND L19
 L23 9 S L22 AND L20
 L24 4 S L23 AND L21
 L25 4 S L18 AND L19 AND L20 AND L21

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
 USPAT2 EUROPATFULL
 COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	458.72	458.93

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	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.48	469.41

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STRUCTURE FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5
 DICTIONARY FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

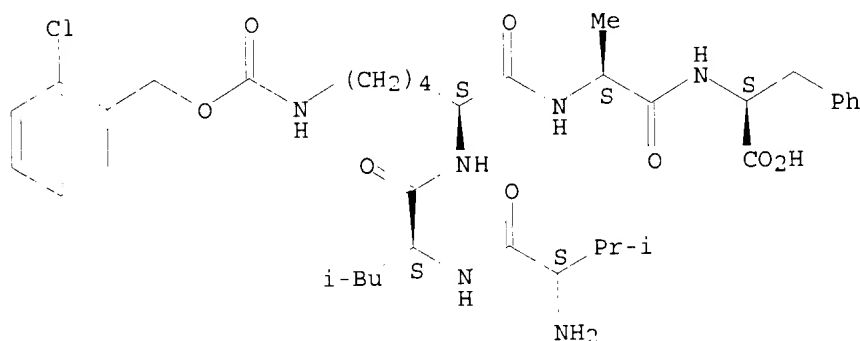
Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> D L25 1-4

L25 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS on STN
RN 115259-46-6 REGISTRY
CN L-Phenylalanine, N-[N-[N6-[[[(2-chlorophenyl)methoxy]carbonyl]-N2-(N-L-valyl-L-leucyl)-L-lysyl]-L-alanyl]- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C37 H53 Cl N6 O8
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

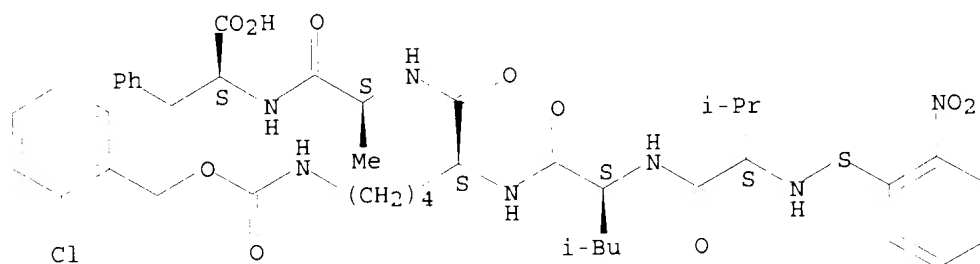


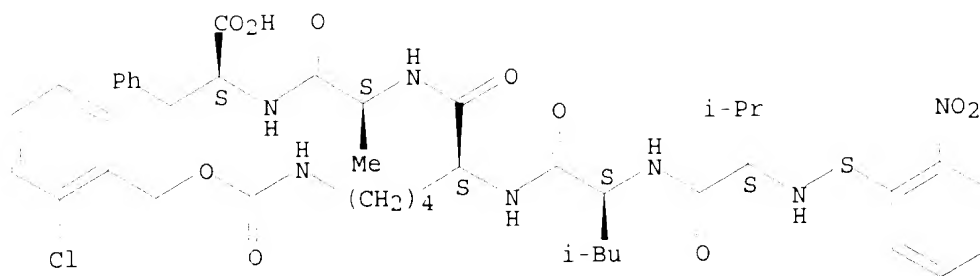
1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L25 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2003 ACS on STN
RN 115243-58-8 REGISTRY
CN L-Phenylalanine, N-[N-[N6-[[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N-[N-[(2-nitrophenyl)thio]-L-valyl]-L-leucyl]-L-lysyl]-L-alanyl]- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C43 H56 Cl N7 O10 S
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



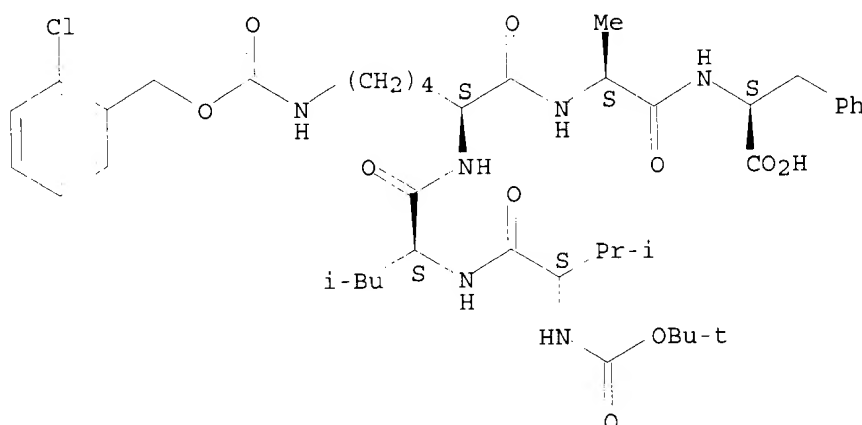


2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L25 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2003 ACS on STN
RN 115243-57-7 REGISTRY
CN L-Phenylalanine, N-[N-[N6-[[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N-[N-
[(1,1-dimethylethoxy)carbonyl]-L-valyl]-L-leucyl]-L-lysyl]-L-alanyl]-
(9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C42 H61 Cl N6 O10
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

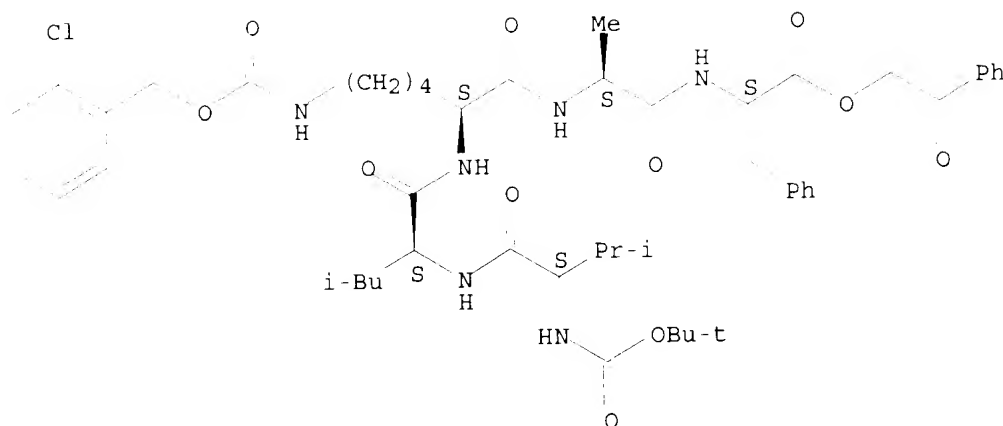


1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L25 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2003 ACS on STN
RN 88364-76-5 REGISTRY
CN L-Phenylalanine, N-[N-[N6-[[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N-[N-
[(1,1-dimethylethoxy)carbonyl]-L-valyl]-L-leucyl]-L-lysyl]-L-alanyl]-,
2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C50 H67 Cl N6 O11
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1937 TO DATE)
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
7.12	476.53

FULL ESTIMATED COST

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=> S L25

'5' NOT A VALID FIELD CODE
'5' NOT A VALID FIELD CODE
'5' NOT A VALID FIELD CODE
'5' NOT A VALID FIELD CODE
'5' NOT A VALID FIELD CODE

=> DUP REM L26
PROCESSING COMPLETED FOR L26
L27 3 DUP REM L26 (0 DUPLICATES REMOVED)

=> D L27 BIB HIT

L27 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1988:438233 CAPLUS
DN 109:38233
TI Synthesis of a tetracontapeptide, hypothetical ancestor of calcium-binding proteins. II. Condensation of fragments
AU Jung, R.; Medvedkin, V. N.; Mitin, Yu. V.
CS Inst. Protein Res., Pushchino, USSR
SO Bioorganicheskaya Khimiya (1987), 13(11), 1474-80
CODEN: BIKHD7; ISSN: 0132-3423
DT Journal
LA Russian
IT 21691-53-2, Leucine tert-butyl ester 50903-49-6 50903-54-3
115243-58-8 115243-68-0 115259-38-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(peptide coupling of)

=> D L27 BIB HIT 2-3

L27 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1988:438232 CAPLUS
DN 109:38232
TI Synthesis of a tetracontapeptide, hypothetical ancestor of calcium-binding proteins. I. Synthesis of fragments (1-9), (10-14), (15-20), (21-26), (29-33) and (34-40)
AU Grechishko, V. S.; Medvedkin, V. N.; Zapevalova, N. P.; Jung, R.; Mitin, Yu. V.
CS Inst. Protein Res., Pushchino, USSR
SO Bioorganicheskaya Khimiya (1987), 13(11), 1465-73
CODEN: BIKHD7; ISSN: 0132-3423
DT Journal
LA Russian
IT **115259-46-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and acylation with nitrophenylsulfenyl chloride)
IT 88364-75-4P **88364-76-5P** 88364-77-6P 88364-79-8P
115259-41-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cleavage of phenacyl group of)
IT 92236-97-0P 115243-56-6P **115243-57-7P** 115243-66-8P
115243-67-9P 115259-39-7P 115259-40-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and partial deprotection of)
IT **115243-58-8P** 115243-62-4P 115243-65-7P 115243-68-0P
115243-71-5P 115243-78-2P 115259-38-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L27 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1984:34808 CAPLUS
DN 100:34808
TI Some properties of amino acid and peptide phenacyl esters
AU Popova, O.; Yung, R.; Mitin, Yu.
CS Inst. Protein Res., Pushchino, USSR
SO Pept., Proc. Eur. Pept. Symp., 17th (1983), Meeting Date 1982, 137-40.
Editor(s): Blaha, Karel; Malon, Petr. Publisher: de Gruyter, Berlin, Fed.
Rep. Ger.


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    162189 SQL=12
L34      0 V[FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FL
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AND SQL=13
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L35      3 V[FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FL
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    101635 SQL=15
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      KA] /SQSP AND SQL=15

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[FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA]
]/SQSP AND SQL=15
    107 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
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    101635 SQL=15
L38      107 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
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AND SQL=13
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L40      69 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
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AND SQL=12
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        A] [FLKA] /SQSP
        162189 SQL=12
L41      170 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
        A] [FLKA] /SQSP AND SQL=12

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND
SQL=11
        78 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
        A] /SQSP
        62147 SQL=11
L42      78 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLK
        A] /SQSP AND SQL=11

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=10
        156 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQS
        P
        119016 SQL=10
L43      156 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQS
        P AND SQL=10

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=9
        150 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP
        72586 SQL=9
L44      150 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND
        SQL=9

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=8
        232 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP
        46702 SQL=8
L45      232 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=8

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=7
        219 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP
        41373 SQL=7
L46      219 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=7

=> s [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=6
        403 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP
        53546 SQL=6
L47      403 [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=6

=> D HIST

(FILE 'HOME' ENTERED AT 10:59:08 ON 20 AUG 2003)

FILE 'REGISTRY' ENTERED AT 10:59:16 ON 20 AUG 2003
L1      29 S V[FLKA] [FLKA] [FLKA] [FLKA] /SQSP AND SQL=5
L2      3 S L1 AND VF.../SQSP
L3      6 S L1 AND V.F.../SQSP
L4      10 S L1 AND V...F.../SQSP
L5      10 S L1 AND V...F.../SQSP
L6      1 S L1 AND VK.../SQSP
L7      9 S L1 AND V.K.../SQSP
L8      2 S L1 AND V..K.../SQSP
L9      4 S L1 AND V...K.../SQSP
L10     20 S L1 AND VL.../SQSP
L11     9 S L1 AND V.L.../SQSP
L12     4 S L1 AND V..L.../SQSP

```

L13 9 S L1 AND V...L/SQSP
 L14 8 S L1 AND VA.../SQSP
 L15 5 S L1 AND V.A.../SQSP
 L16 13 S L1 AND V..A./SQSP
 L17 9 S L1 AND V...A/SQSP
 L18 19 S L2 OR L3 OR L4 OR L5
 L19 15 S L6 OR L7 OR L8 OR L9
 L20 26 S L10 OR L11 OR L12 OR L13
 L21 19 S L14 OR L15 OR L16 OR L17
 L22 9 S L18 AND L19
 L23 9 S L22 AND L20
 L24 4 S L23 AND L21
 L25 4 S L18 AND L19 AND L20 AND L21

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
 SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:05:04 ON 20 AUG 2003

FILE 'REGISTRY' ENTERED AT 11:05:17 ON 20 AUG 2003

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
 SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:05:41 ON 20 AUG 2003

L26 3 S L25
 L27 3 DUP REM L26 (0 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 11:10:06 ON 20 AUG 2003
 L28 14 S V[FLKA][FLKA][FLKA][FLKA]/SQSP AND SQL=6
 L29 1 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]/SQSP AND SQL=7
 L30 7 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]/SQSP AND SQ
 L31 2 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]/SQSP
 L32 2 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L33 3 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L34 0 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L35 3 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L36 0 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L37 2 S V[FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L38 107 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L39 95 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L40 69 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L41 170 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L42 78 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
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 L44 150 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L45 232 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L46 219 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]
 L47 403 S [FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA][FLKA]

=> S L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR
 L48 34 L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR
 L37

=> S L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47
 L49 1662 L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR
 L47

=> S L28 OR L49
 L50 1676 L28 OR L49

=> S L48 OR L49
 L51 1694 L48 OR L49

=> S L51 NOT AAAAAA/SQSP
 13397 AAAAAA/SQSP
 L52 1377 L51 NOT AAAAAA/SQSP

=> S L52 NOT FFFFFFF/SQSP
2240 FFFFFFF/SQSP
L53 1317 L52 NOT FFFFFFF/SQSP

=> S L53 NOT LLLLLL/SQSP
8337 LLLLLL/SQSP
L54 1169 L53 NOT LLLLLL/SQSP

=> S L54 NOT KKKKKK/SQSP
6478 KKKKKK/SQSP
L55 980 L54 NOT KKKKKK/SQSP

=> L55 AND .F./SQSP
L55 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> S L55 AND .F./SQSP
265 .F./SQSP
L56 265 L55 AND .F./SQSP

=> S L56 AND .A./SQSP
157 .A./SQSP
L57 157 L56 AND .A./SQSP

=> S L56 AND .K./SQSP
138 .K./SQSP
L58 138 L56 AND .K./SQSP

=> S L57 AND .K./SQSP
60 .K./SQSP
L59 60 L57 AND .K./SQSP

=> S L59 AND .L./SQSP
25 .L./SQSP
L60 25 L59 AND .L./SQSP

=> D L60 1-25

L60 ANSWER 1 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN

RN 494200-86-1 REGISTRY

CN L-Leucine, L-leucyl-L-alanyl-L-phenylalanyl-L-lysyl-L-leucyl-L-lysyl-
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: W003008454 PAGE: 11 unclaimed sequence

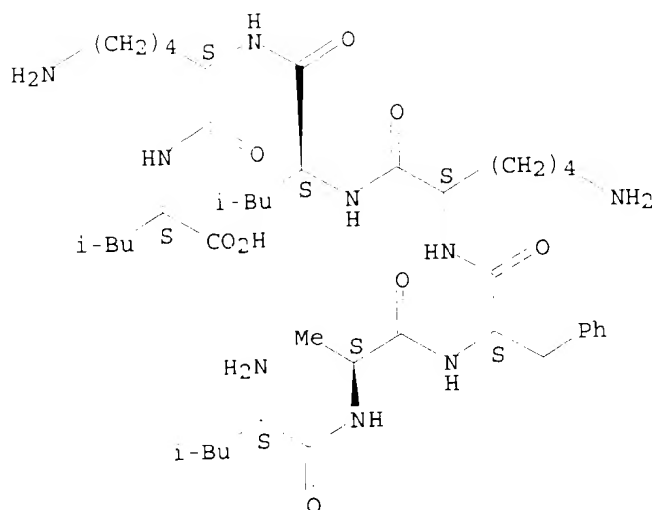
FS PROTEIN SEQUENCE; STEREOSEARCH

MF C42 H73 N9 O8

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



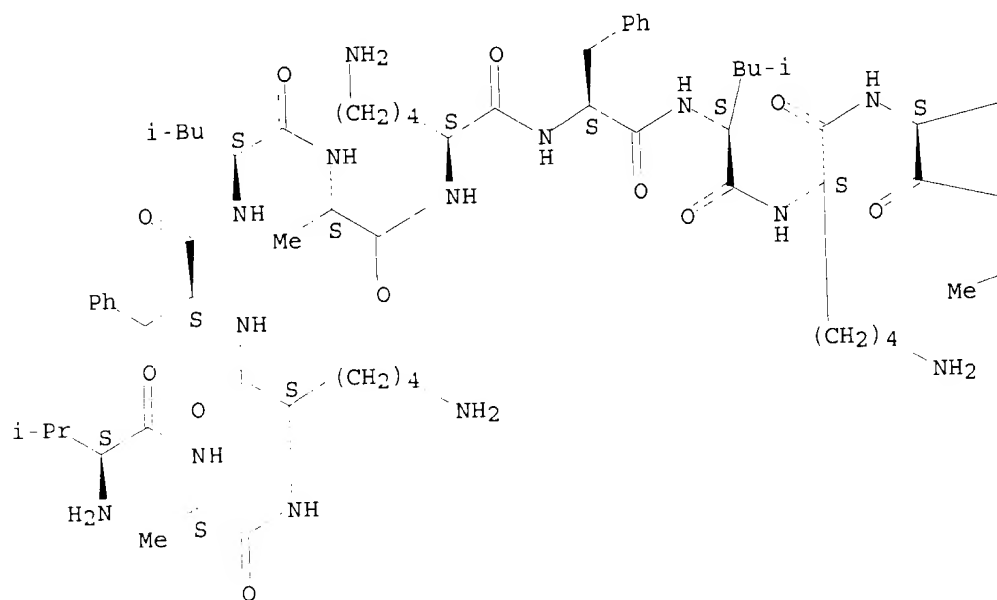
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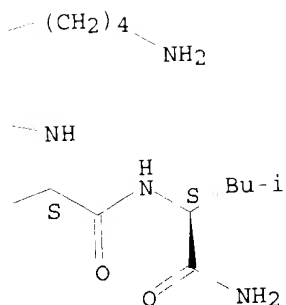
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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 2 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466692-49-9 REGISTRY
CN L-Leucinamide, L-valyl-L-alanyl-L-lysyl-L-phenylalanyl-L-leucyl-L-alanyl-L-lysyl-L-phenylalanyl-L-leucyl-L-lysyl-L-lysyl-L-alanyl- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C74 H126 N18 O13
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



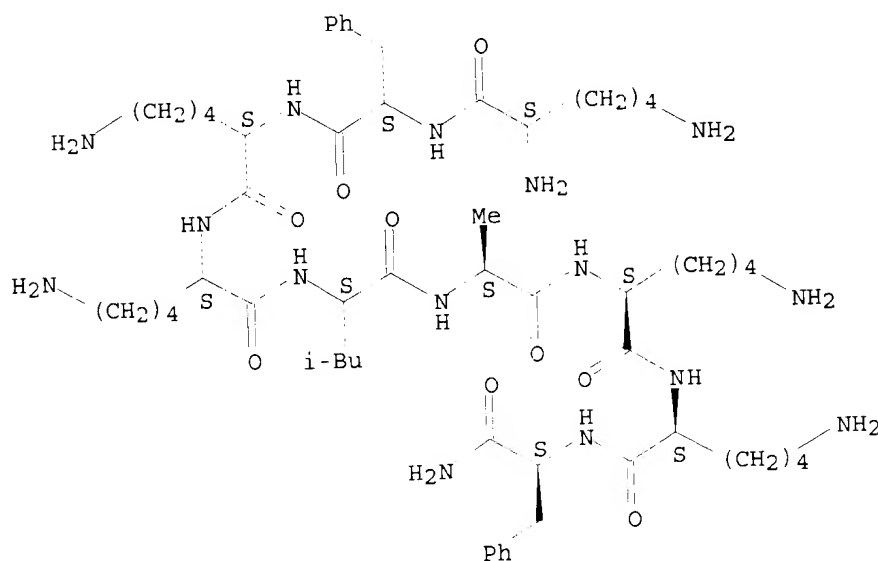


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 3 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466692-28-4 REGISTRY
CN L-Phenylalaninamide, L-lysyl-L-phenylalanyl-L-lysyl-L-lysyl-L-leucyl-L-
alanyl-L-lysyl-L-lysyl- (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C37 H97 N15 O9
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

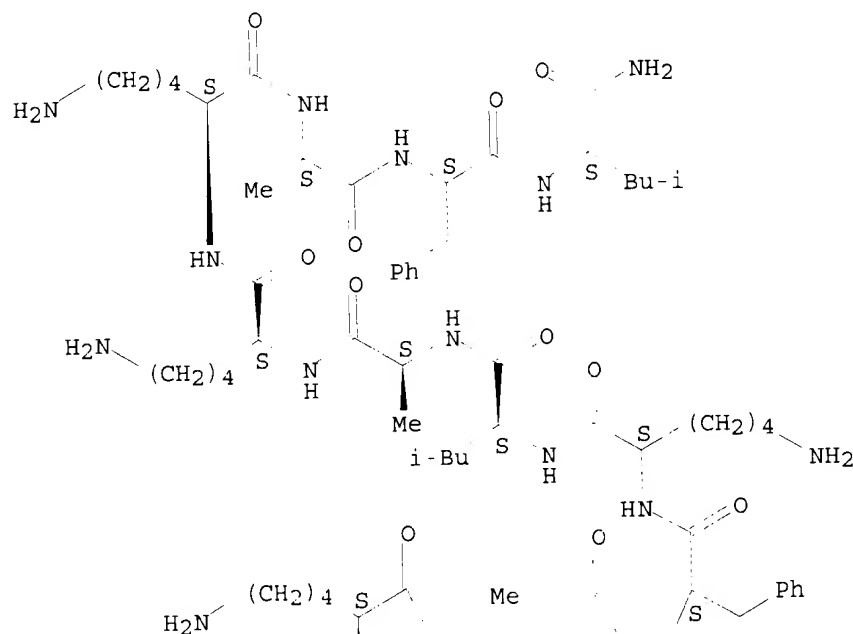
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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

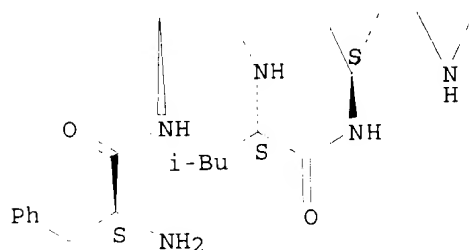
L60 ANSWER 4 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 466691-79-2 REGISTRY
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 (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C78 H126 N18 O13
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

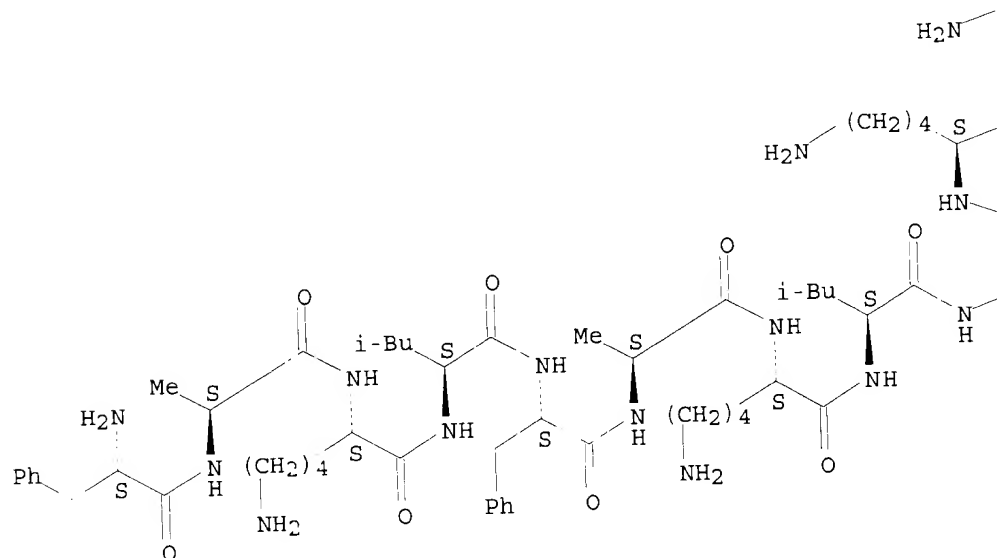
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L60 ANSWER 5 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 466691-78-1 REGISTRY

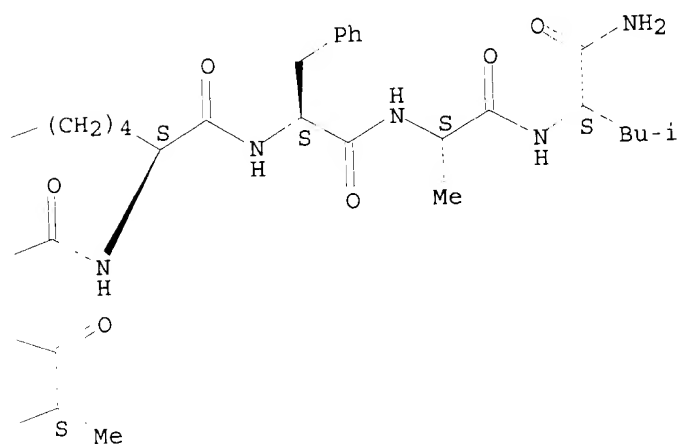
CN L-Leucinamide, L-phenylalanyl-L-alanyl-L-lysyl-L-leucyl-L-phenylalanyl-L-alanyl-L-lysyl-L-leucyl-L-alanyl-L-lysyl-L-lysyl-L-phenylalanyl-L-alanyl-
 (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C81 H131 N19 O14
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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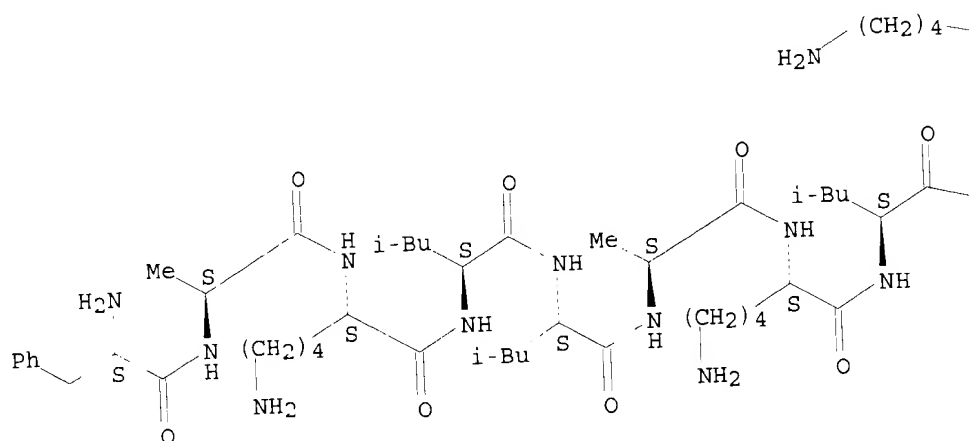
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1 REFERENCES IN FILE CA (1937 TO DATE)
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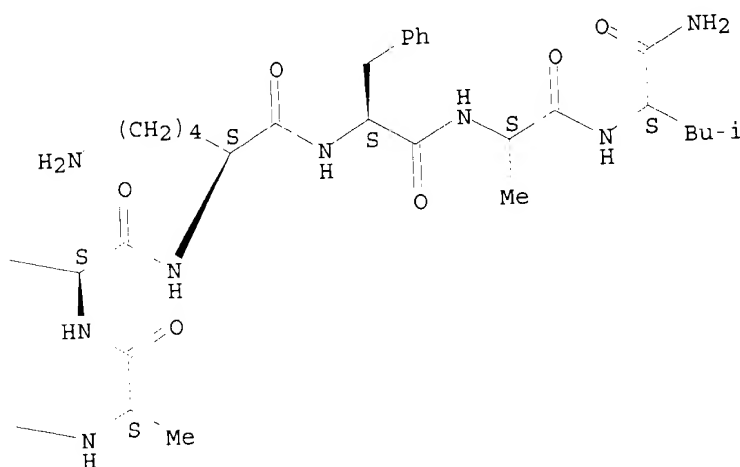
L60 ANSWER 6 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 466691-77-0 REGISTRY
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 (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C78 H133 N19 O14
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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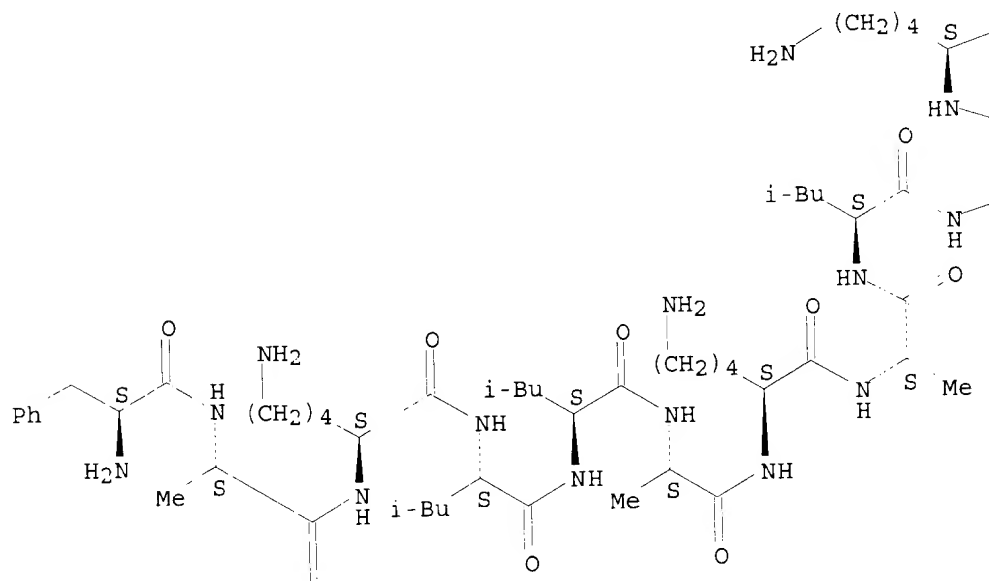
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1 REFERENCES IN FILE CA (1937 TO DATE)
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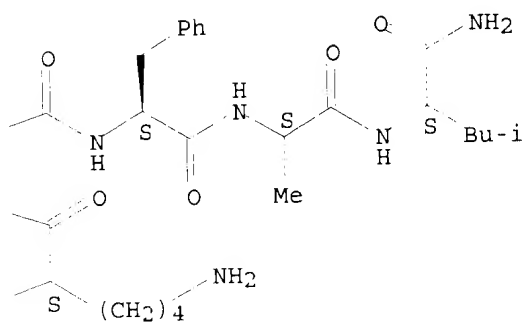
L60 ANSWER 7 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 466691-76-9 REGISTRY
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 (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEPEOSEARCH
 MF C78 H133 N19 O14
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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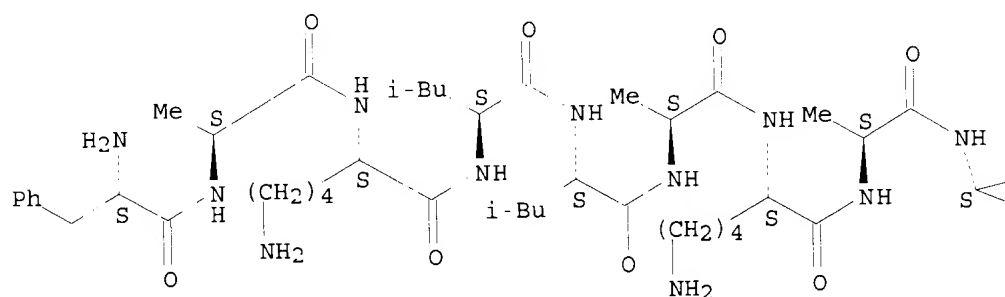
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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

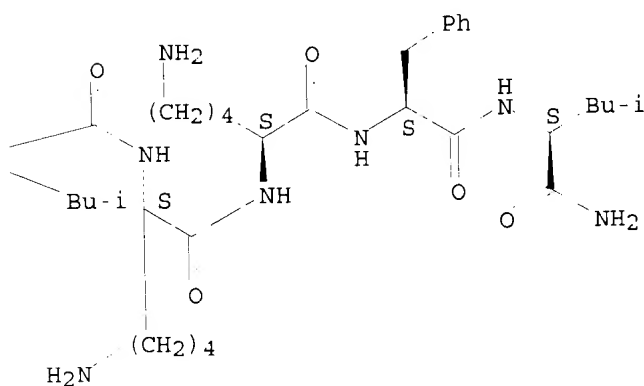
L60 ANSWER 8 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466691-75-8 REGISTRY
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L-lysyl-L-alanyl-L-leucyl-L-lysyl-L-lysyl-L-phenylalanyl- (9CI) (CA INDEX
NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C75 H128 N18 O13
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

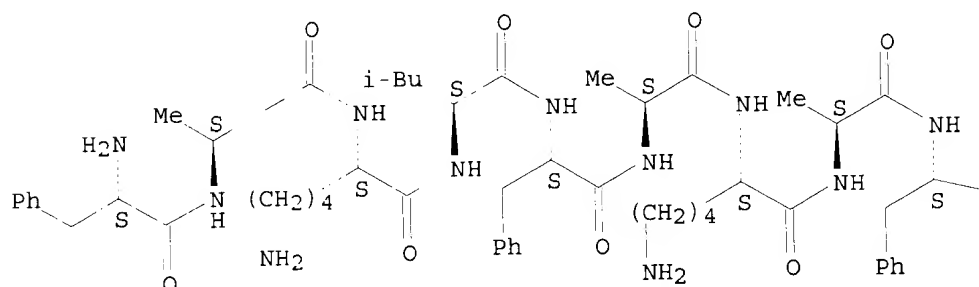
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L60 ANSWER 9 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466691-74-7 REGISTRY
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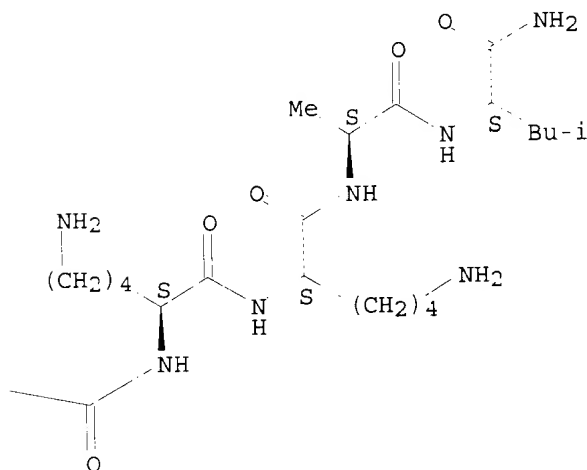
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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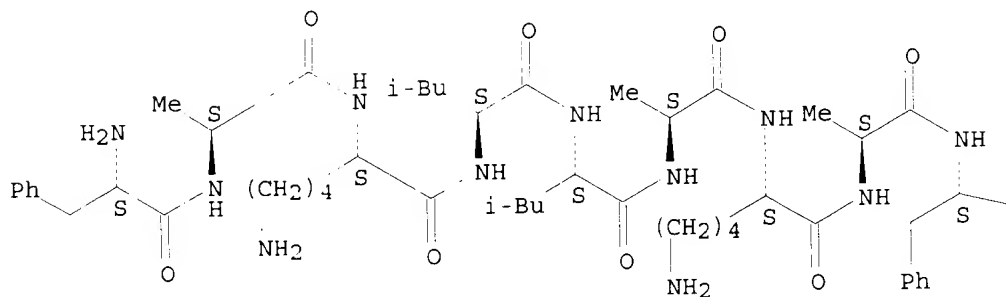
1 REFERENCES IN FILE CA (1937 TO DATE)
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L60 ANSWER 10 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 466691-73-6 REGISTRY
 CN L-Leucinamide, L-phenylalanyl-L-alanyl-L-lysyl-L-leucyl-L-leucyl-L-alanyl-L-lysyl-L-alanyl-L-phenylalanyl-L-lysyl-L-lysyl-L-alanyl- (9CI) (CA INDEX NAME)
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 MF C72 H122 N18 O13

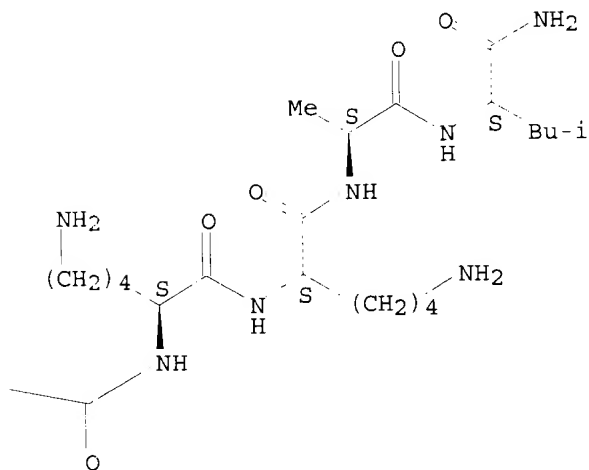
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 11 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466691-72-5 REGISTRY
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FS PROTEIN SEQUENCE; STEREOSEARCH
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

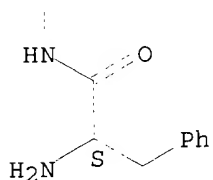
Absolute stereochemistry.

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

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— Bu-i

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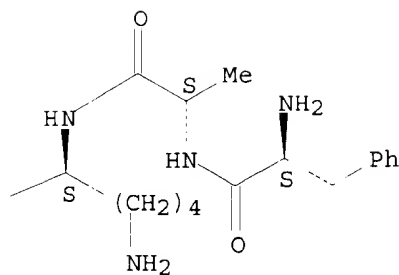
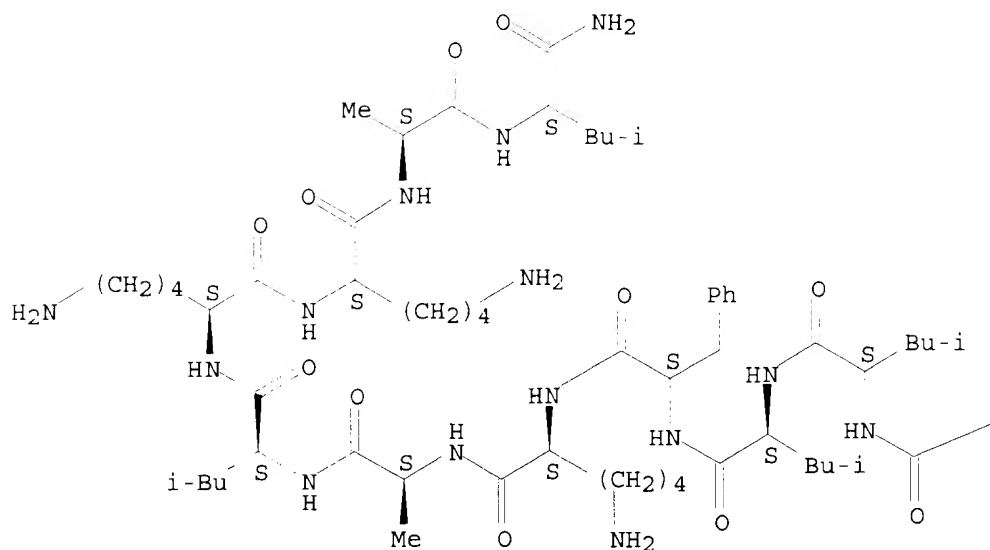


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 12 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466691-71-4 REGISTRY
CN L-Leucinamide, L-phenylalanyl-L-alanyl-L-lysyl-L-leucyl-L-leucyl-L-phenylalanyl-L-lysyl-L-alanyl-L-leucyl-L-lysyl-L-lysyl-L-alanyl- (9CI)
(CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C75 H128 N18 O13
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

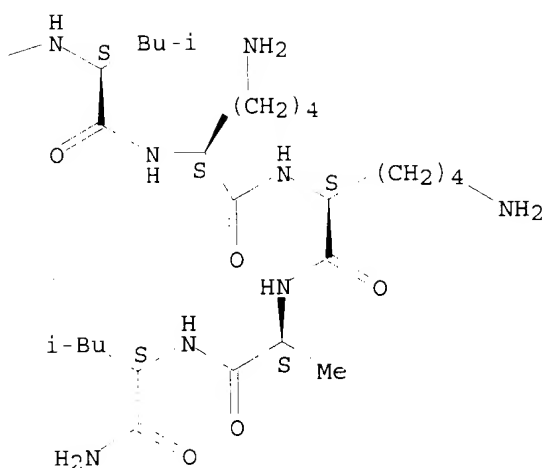
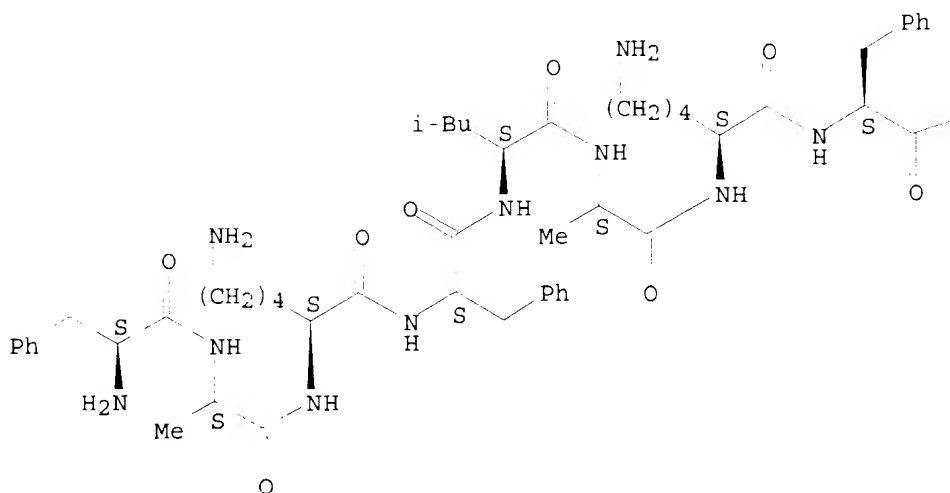


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 13 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466691-70-3 REGISTRY
CN L-Leucinamide, L-phenylalanyl-L-alanyl-L-lysyl-L-phenylalanyl-L-leucyl-L-alanyl-L-lysyl-L-phenylalanyl-L-leucyl-L-lysyl-L-lysyl-L-alanyl- (9CI)
(CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C78 H126 N18 O13
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 14 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN

RN 350473-63-1 REGISTRY

CN L-Leucine, L-alanyl-L-alanyl-L-leucyl-L-alanyl-L-alanyl-L-phenylalanyl-L-alanyl-L-lysyl-L-leucyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 87: PN: WO0149834 SEQID: 234 unclaimed sequence

FS PROTEIN SEQUENCE; STEREOSEARCH

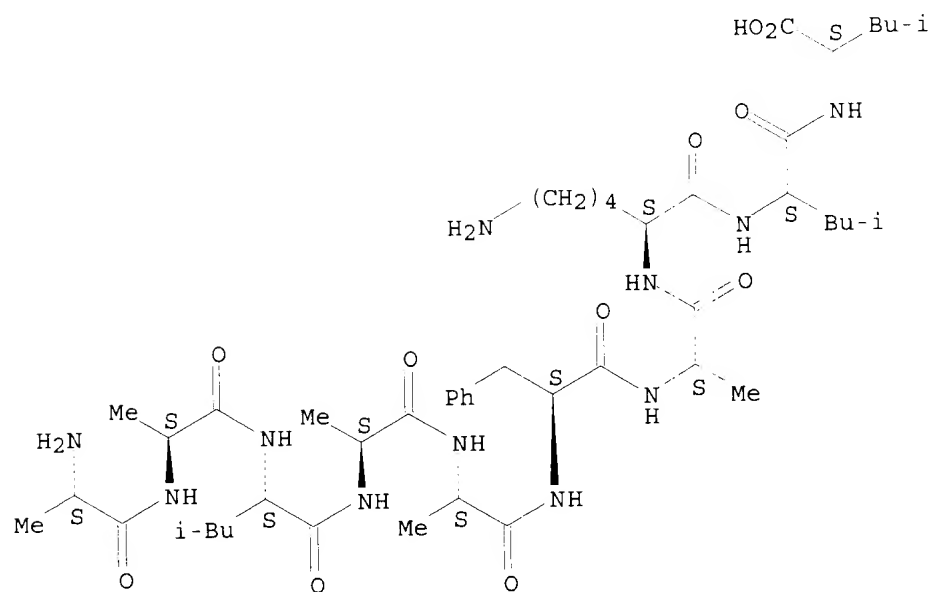
MF C48 H81 N11 O11

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

Seq ID 234

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 15 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN

RN 220904-08-5 REGISTRY

CN Cyclo[D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl-(3R)-3-hydroxy-N-methyl-L-leucyl-(2S)-2-aminobutanoyl-N-methylglycyl-N-methyl-D-alanyl-L-valyl-N-methyl-D-alanyl-N6-(N-acetyl-L-.alpha.-glutamyl-L-lysyl-L-leucyl-L-valyl-L-phenylalanyl-L-phenylalanyl)-L-lysyl] (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

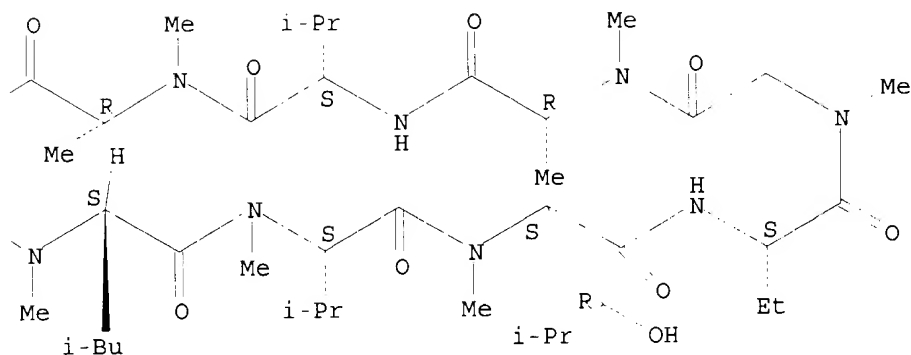
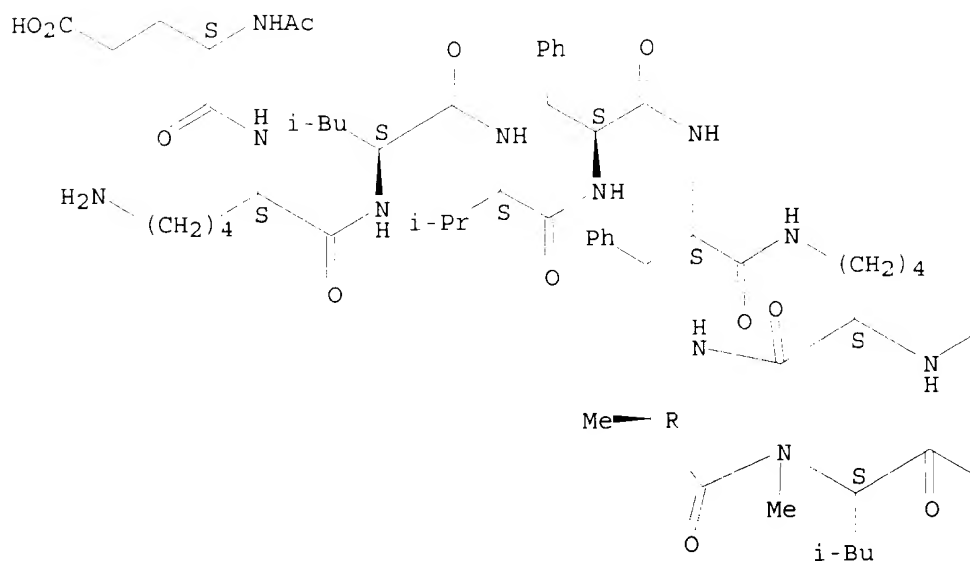
MF C98 H161 N19 O21

SR CA

LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



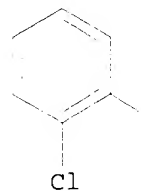
1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 16 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 220904-01-8 REGISTRY
 CN Cyclo[D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl-(3R)-3-hydroxy-N-methyl-L-leucyl-(2S)-2-aminobutanoyl-N-methylglycyl-N-methyl-D-alanyl-L-valyl-N-methyl-D-alanyl-N6-[N-acetyl-L-.alpha.-glutamyl-N6-[(2-chlorophenyl)methoxy]carbonyl]-L-lysyl-L-leucyl-L-valyl-L-phenylalanyl-L-phenylalanyl]-L-lysyl] (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C106 H166 Cl N19 O23
 SR CA
 LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

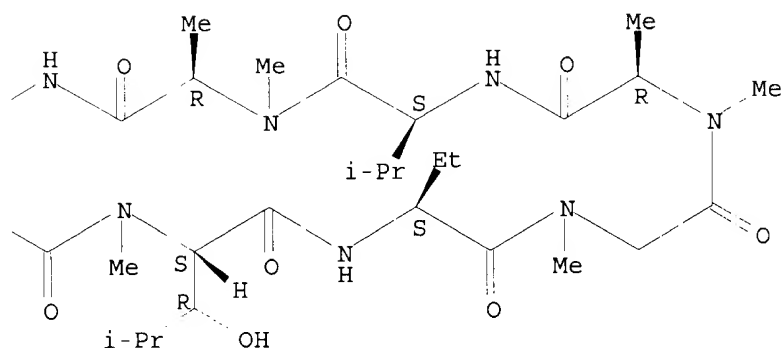
Absolute stereochemistry.

PAGE 1-A



*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PAGE 1-C



1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 17 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN

RN 220904-00-7 REGISTRY

CN Cyclo[D-alanyl-N-methyl-L-leucyl-N-methyl-L-leucyl-N-methyl-L-valyl-(3R)-3-hydroxy-N-methyl-L-leucyl-(2S)-2-aminobutanoyl-N-methylglycyl-N-methyl-D-alanyl-L-valyl-N-methyl-D-alanyl-N6-[N-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-.alpha.-glutamyl-N6-[[[(2-chlorophenyl)methoxy]carbonyl]-L-lysyl-L-leucyl-L-valyl-L-phenylalanyl-L-phenylalanyl]-L-lysyl] (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

MF C119 H174 Cl N19 O24

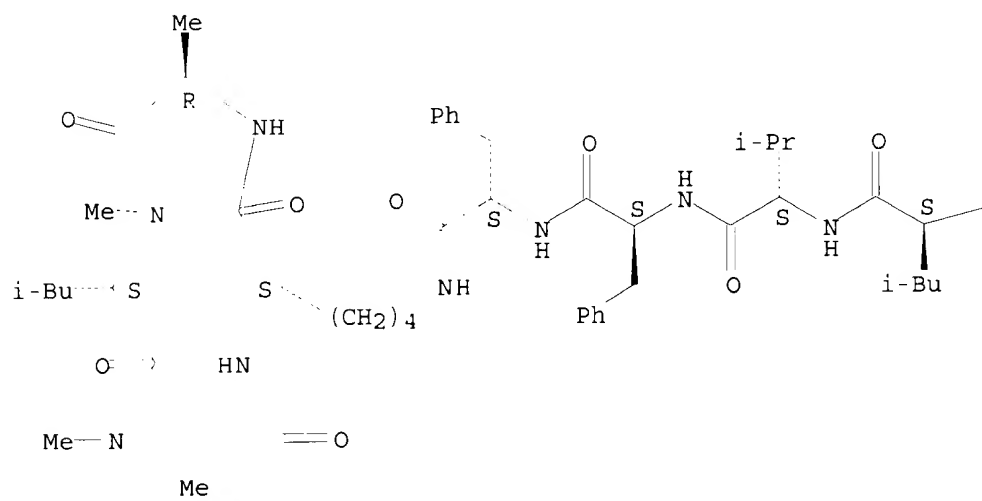
SR CA

LC STN Files: CA, CAPLUS

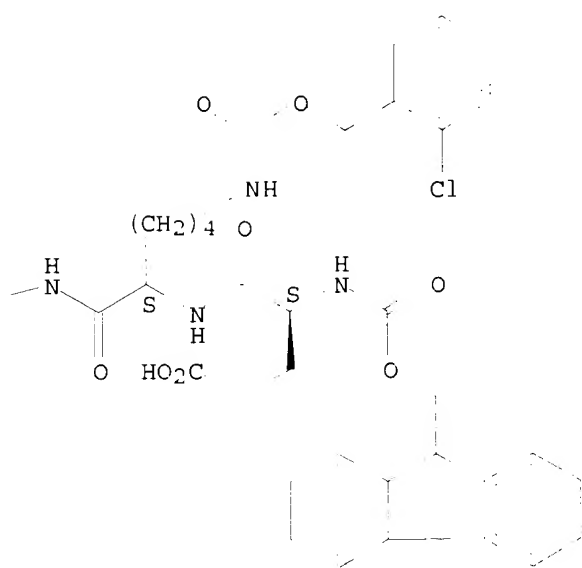
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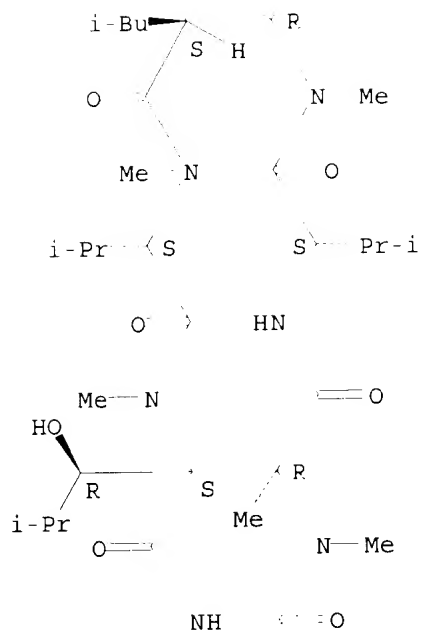
Absolute stereochemistry.

PAGE 1-A

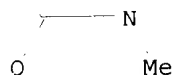


PAGE 1-B





Et... S



1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 18 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 212625-63-3 REGISTRY
 CN L-Alanine, N2,N6-bis[N2,N6-bis(N-acetyl-L-alanyl-L-asparaginy-L-prolyl-L-asparaginy-L-alanyl-L-alanyl)-L-lysyl]-L-lysyl-L-alanyl-L-alanyl-L-glutaminy-L-tyrosyl-L-isoleucyl-L-lysyl-L-alanyl-L-asparaginy-L-seryl-L-lysyl-L-phenylalanyl-L-isoleucylglycyl-L-isoleucyl-L-threonyl-L-.alpha.-glutamyl-L-leucyl- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE
 MF C203 H324 N60 O65
 CI MAN
 SR CA
 LC STN Files: CA, CAPLUS

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 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
 1 REFERENCES IN FILE CA (1937 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 19 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 174882-51-0 REGISTRY
 CN Nickelate(4-), [[N2-(3-aminobenzoyl)-N6-[1-(2-hydroxy-1-oxopropyl)-L-prolyl-L-.alpha.-glutamyl-3-cyclohexyl-L-alanyl-L-leucyl-L-lysyl-L-alanyl-3-[2,2'-bipyridin]-5-yl-L-alanyl-L-alanyl-L-.alpha.-glutamyl-L-leucyl-3-

cyclohexyl-L-alanyl-L-lysyl-L-alanyl]-L-lysine cyclic
(14.fwdarw.14'), (14'.fwdarw.14'), (14''.fwdarw.14)-tris(peptidato)](6-)]-,
stereoisomer (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE
MF C285 H426 N60 Ni O63
CI CCS, MAN
SR CA

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L60 ANSWER 20 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 174763-07-6 REGISTRY
CN Nickelate(4-), [[N2-(3-aminobenzoyl)-N6-[1-(2-hydroxy-1-oxopropyl)-L-prolyl-L-.alpha.-glutamyl-3-cyclohexyl-L-alanyl-L-leucyl-L-lysyl-L-alanyl-3-[2,2'-bipyridin]-5-yl-L-alanyl-L-alanyl-L-.alpha.-glutamyl-L-leucyl-3-cyclohexyl-L-alanyl-L-lysyl-L-alanyl]-L-lysine cyclic
(14.fwdarw.14'), (14'.fwdarw.14'), (14''.fwdarw.14)-tris(peptidato)](6-)]-,
hydrogen acetate (1:6:2), stereoisomer (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF C285 H426 N60 Ni O63 . 2 C2 H3 O2 . 6 H
CI CCS, MAN
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 21 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 174721-97-2 REGISTRY
CN Cyclo(3-aminobenzoyl-L-lysyl-3-aminobenzoyl-L-lysyl-3-aminobenzoyl-L-lysyl), (2.fwdarw.14'), (4.fwdarw.14'), (6.fwdarw.14')-tris(peptide) with
(2S)-2-hydroxypropanoyl-L-prolyl-L-.alpha.-glutamyl-3-cyclohexyl-L-alanyl-L-leucyl-L-lysyl-L-alanyl-3-[2,2'-bipyridin]-5-yl-L-alanyl-L-alanyl-L-.alpha.-glutamyl-L-leucyl-3-cyclohexyl-L-alanyl-L-lysyl-L-alanine (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN L-Lysine, N2-(3-aminobenzoyl)-N6-[1-(2-hydroxy-1-oxopropyl)-L-prolyl-L-.alpha.-glutamyl-3-cyclohexyl-L-alanyl-L-leucyl-L-lysyl-L-alanyl-3-[2,2'-bipyridin]-5-yl-L-alanyl-L-alanyl-L-.alpha.-glutamyl-L-leucyl-3-cyclohexyl-L-alanyl-L-lysyl-L-alanyl]-, trimol. cyclic (14.fwdarw.14'), (14'.fwdarw.14'), (14''.fwdarw.14)-tris(peptide), [1(S),1'(S),1''(S)]-
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MF C285 H432 N60 O63
CI MAN
SR CA
LC STN Files: CA, CAPLUS

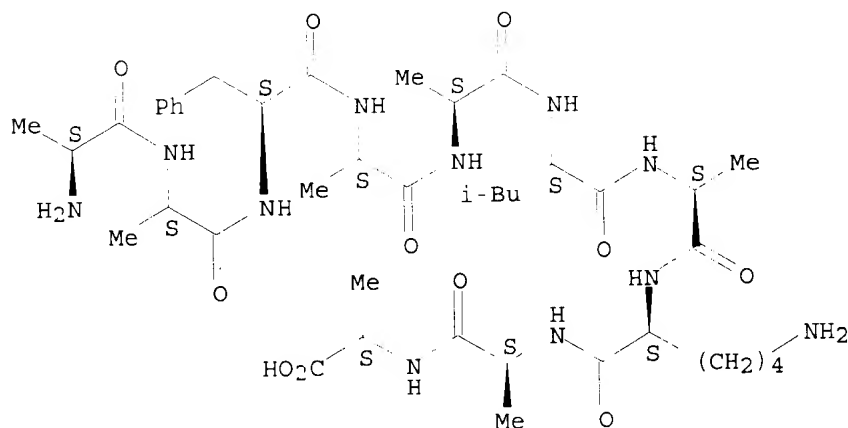
RELATED SEQUENCES AVAILABLE WITH SEQLINK

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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 22 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 171770-51-7 REGISTRY
CN L-Alanine, N-[N-[N2-[N-[N-[N-[N-[N-(N-L-alanyl-L-alanyl)-L-phenylalanyl]-L-

alanyl]-L-alanyl]-L-leucyl]-L-alanyl]-L-lysyl]-L-alanyl]- (9CI) (CA INDEX
 NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C42 H69 N11 O11
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

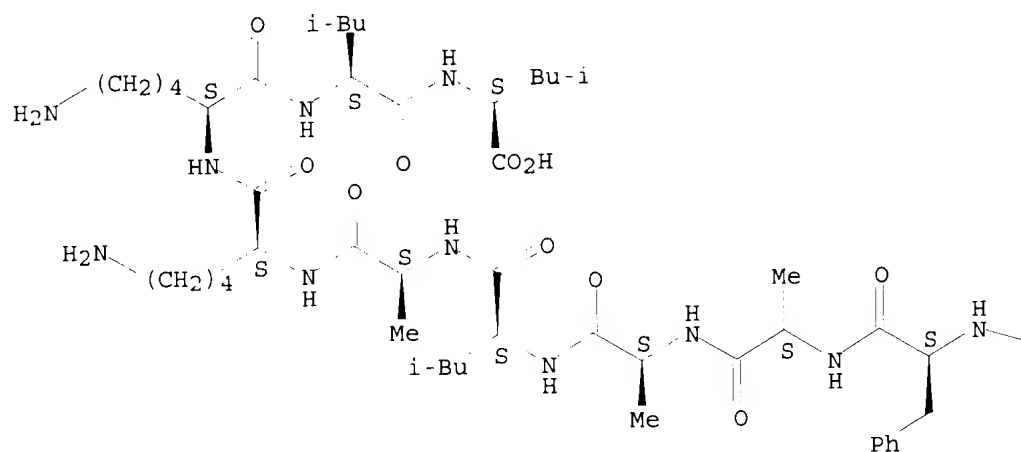


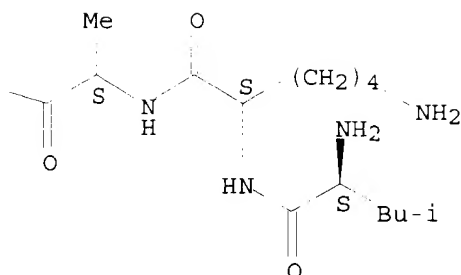
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 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 23 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 147839-61-0 REGISTRY
 CN Mast cell degranulating peptide (*Vespula lewisii*), 1-de-L-isoleucine-2-de-
 L-asparagine-6-L-phenylalanine-13-L-leucine-14-L-leucine- (9CI) (CA INDEX
 NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C63 H111 N15 O13
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A





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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

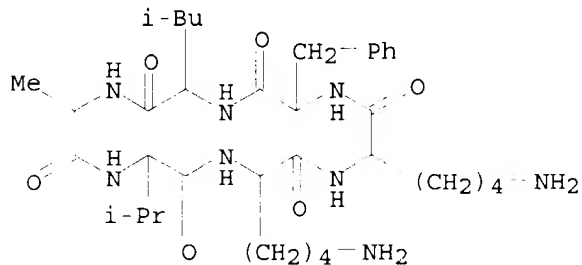
L60 ANSWER 24 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 125042-93-5 REGISTRY
CN Cyclo(D-alanyl-L-valyl-L-lysyl-L-lysyl-L-phenylalanyl-L-leucyl), acetate
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,4,7,10,13,16-Hexaazacyclooctadecane, cyclic peptide deriv.
FS PROTEIN SEQUENCE
MF C35 H58 N8 O6 . x C2 H4 O2
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

CM 1

CRN 125042-92-4
CMF C35 H58 N8 O6

RELATED SEQUENCES AVAILABLE WITH SEQLINK



CM 2

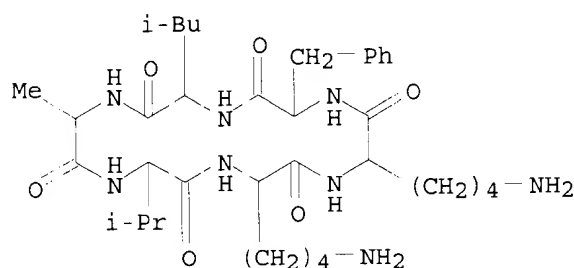
CRN 64-19-7
CMF C2 H4 O2

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HO C CH₃

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L60 ANSWER 25 OF 25 REGISTRY COPYRIGHT 2003 ACS on STN
RN 125042-92-4 REGISTRY
CN Cyclo(D-alanyl-L-valyl-L-lysyl-L-lysyl-L-phenylalanyl-L-leucyl) (9CI) (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,4,7,10,13,16-Hexaazacyclooctadecane, cyclic peptide deriv.
FS PROTEIN SEQUENCE
MF C35 H58 N8 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK



1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	905.30	1397.06

FILE 'CAPLUS' ENTERED AT 11:25:27 ON 20 AUG 2003
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COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'MEDLINE' ENTERED AT 11:25:27 ON 20 AUG 2003

FILE 'PCTFULL' ENTERED AT 11:25:27 ON 20 AUG 2003
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FILE 'USPATFULL' ENTERED AT 11:25:27 ON 20 AUG 2003
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FILE 'EUROPATFULL' ENTERED AT 11:25:27 ON 20 AUG 2003
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L54    1169 S L53 NOT LLLLLL/SQSP
L55     980 S L54 NOT KKKKKK/SQSP
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L57     157 S L56 AND .A./SQSP
L58     138 S L56 AND .K./SQSP
L59      60 S L57 AND .K./SQSP
L60      25 S L59 AND .L./SQSP

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FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:25:27 ON 20 AUG 2003

=> S L60

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L61 12 L60

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PROCESSING COMPLETED FOR L61

L62 12 DUP REM L61 (0 DUPLICATES REMOVED)

=> D L62 BIB HIT

L62 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:76818 CAPLUS

DN 138:158742

TI Glycoprotein VI fusion proteins useful for modulating glycoprotein
VI-collagen and/or platelet-collagen interactions

IN Burger, Christa; Gleitz, Johannes; Frech, Matthias

PA Merck Patent GmbH, Germany

SO PCT Int. Appl., 42 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003008454	A2	20030130	WO 2002-EP7796	20020712
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

7/18/2001

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRAI EP 2001-116717 A 20010718

IT 2543-43-3 10183-34-3 18861-82-0 22906-52-1 53932-51-7

494200-84-9 **494200-86-1** 494200-88-3 494200-89-4

RL: PRP (Properties)

(unclaimed sequence; glycoprotein VI fusion proteins useful for
modulating glycoprotein VI-collagen and/or platelet-collagen
interactions)

=> D L62 BIB HIT 2-12

L62 ANSWER 2 OF 12 USPATFULL on STN

AN 2003:159837 USPATFULL

TI Short bioactive peptides and methods for their use

IN Owen, Donald R., Kenner, LA, UNITED STATES

PI US 2003109452 A1 20030612

AI US 2002-109171 A1 20020328 (10)

PRAI US 2001-279505P 20010328 (60)

DT Utility

FS APPLICATION

LREP HOWREY SIMON ARNOLD & WHITE LLP, 750 BERING DRIVE, HOUSTON, TX, 77057

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4019

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 20449-79-0, Melittin (honeybee) 121798-56-9 128262-53-3 133084-63-6

133109-52-1 140896-21-5 147664-63-9 148080-22-2 148080-25-5

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466712-11-8	466712-12-9	466712-13-0		

(short bioactive peptides and methods for their use)

L62 ANSWER 3 OF 12 USPATFULL on STN

AN 2003:120759 USPATFULL

TI Short bioactive peptides

IN Owen, Donald R., Kenner, LA, UNITED STATES

PI US 2003083243 A1 20030501

AI US 2001-820053 A1 20010328 (9)

DT Utility

FS APPLICATION

LREP HOWERY SIMON ARNOLD AND WHITE, LLP, 750 BERING DRIVE, HOUSTON, TX,
77057-2198

CLMN Number of Claims: 52

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3164

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT	20449-79-0, Melittin (honeybee)	121798-56-9	128262-53-3	133084-63-6
	133109-52-1	140896-21-5	147664-63-9	148080-22-2
	157606-25-2	243990-62-7	389800-01-5	466691-05-4
	466691-07-6	466691-08-7	466691-09-8	466691-10-1
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	466712-11-8	466712-12-9	466712-13-0	

(short bioactive peptides and methods for their use)

L62 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:778109 CAPLUS

DN 137:284374

TI Short bioactive peptides and methods for their use
IN Owen, Donald R.
PA Helix Biomedix, Inc., USA
SO PCT Int. Appl., 133 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002079408	A2	20021010	WO 2002-US9534	20020328
	WO 2002079408	A3	20021128		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003083243	A1	20030501	US 2001-820053	20010328
	US 2003109452	A1	20030612	US 2002-109171	20020328
PRAI	US 2001-279505P	P	20010328		
	US 2001-820053	A	20010328		
IT	20449-79-0, Melittin (honeybee)		121798-56-9	128262-53-3	133084-63-6
	133109-52-1	140896-21-5	147664-63-9	148080-22-2	148080-25-5
	157606-25-2	243990-62-7	389800-01-5	466691-05-4	466691-06-5
	466691-07-6	466691-08-7	466691-09-8	466691-10-1	466691-11-2
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	466712-11-8	466712-12-9	466712-13-0		

RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(short bioactive peptides and methods for their use)

L62 ANSWER 57 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:507834 CAPLUS

DN 135:106297

TI Preparation of deallergenized patatins and permuteins and their use as insecticides

IN Alibhai, Murtaza F.; Astwood, James D.; McWherter, Charles A.; Sampson, Hugh A.

PA Monsanto Company, USA; Monsanto Technology LLC

SO PCT Int. Appl., 223 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001049834	A2	20010712	WO 2001-US342	20010105
	WO 2001049834	A3	20020906		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	BR 2001007474	A	20021008	BR 2001-7474	20010105
	EP 1254167	A2	20021106	EP 2001-900904	20010105
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2000-174669P	P	20000106		
	WO 2001-US342	W	20010105		
IT	115537-12-7, Patatin (potato clone PS20 precursor protein moiety reduced)				
	185530-23-8	340769-18-8	350257-45-3	350257-46-4	350257-47-5
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	350258-73-0	350258-74-1	350258-75-2	350258-76-3	350270-43-8
	350270-44-9	350270-46-1	350270-48-3	350270-51-8, Patatin (corn clone corn2-pep)	350270-53-0, Patatin (corn clone corn3-pep)
				350472-82-1	350472-83-2
				350472-84-3	350472-85-4
				350472-86-5	350472-87-6
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Seq ID# 225, 230, 231

350472-90-1	350472-91-2	350472-92-3	350472-93-4	350472-94-5
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350565-77-4				

225

Seq ID# 234

RL: PRP (Properties)

(unclaimed sequence; prepn. of deallergenized patatins and permuteins and their use as insecticides)

L62 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:166639 CAPLUS

DN 130:209984

TI Synthesis of cyclosporin A conjugates for treatment of neurological disorders

IN Rich, Daniel H.; Solomon, Michael E.

PA Wisconsin Alumni Research Foundation, USA

SO PCT Int. Appl., 129 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9910374	A1	19990304	WO 1998-US17544	19980825
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9892038	A1	19990316	AU 1998-92038	19980825
	US 6316405	B1	20011113	US 1999-242724	19990222
PRAI	US 1997-57751P	P	19970826		
	WO 1998-US17544	W	19980825		

OS MARPAT 130:209984

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT	69143-05-1P	76106-73-5P	82290-66-2P	83602-41-9P	89270-28-0P
	124093-26-1P	129549-13-9P	138957-23-0P	152754-55-7P	152754-60-4P
	152754-61-5P	152754-62-6P	152754-63-7P	177315-92-3P	178445-79-9P
	178446-01-0P	178446-57-6P	220871-18-1P	220871-20-5P	220871-21-6P
	220871-22-7P	220871-23-8P	220871-24-9P	220871-25-0P	220871-26-1P
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	220871-38-5P	220871-39-6P	220871-40-9P	220871-41-0P	220871-42-1P
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	220871-48-7P	220903-93-5P	220903-94-6P	220903-95-7P	220903-97-9P
	220903-98-0P	220903-99-1P	220904-00-7P	220904-01-8P	

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

(Reactant or reagent)

(synthesis of cyclosporin A conjugates for treatment of neurol.
disorders)

IT 220904-07-4P **220904-08-5P** 220904-09-6P 220904-10-9P
220904-11-0P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological
study); PREP (Preparation); USES (Uses)

(synthesis of cyclosporin A conjugates for treatment of neurol.
disorders)

L62 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:491059 CAPLUS

DN 129:231000

TI Synthesis, Conformational Properties, and Immunogenicity of a Cyclic
Template-Bound Peptide Mimetic Containing an NPNA Motif from the
Circumsporozoite Protein of Plasmodium falciparum

AU Bisang, Christian; Jiang, Luyong; Freund, Ernst; Emery, Fabienne; Bauch,
Christian; Matile, Hugues; Pluschke, Gerd; Robinson, John A.

CS Institute of Organic Chemistry, University of Zuerich, Zurich, 8057,
Switz.

SO Journal of the American Chemical Society (1998), 120(30), 7439-7449
CODEN: JACSAT; ISSN: 0002-7863

PB American Chemical Society

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **212625-63-3P** 212625-65-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)

(synthesis, conformation, and immunogenicity of cyclic template-bound
peptide mimetic contg. NPNA motif from circumsporozoite protein of
Plasmodium falciparum)

L62 ANSWER 8 OF 12 USPATFULL on STN

AN 96:120976 USPATFULL

TI Methods and compositions for modulating G protein action

IN Higashijima, Tsutomu, Dallas, TX, United States

Ross, Elliott M., Dallas, TX, United States

PA Board of Regents, The University of Texas, Austin, TX, United States
(U.S. corporation)

PI **US 5589568** 19961231

AI **US 1994-232453** 19940422 (8)

RLI Continuation of Ser. No. US 1991-748319, filed on 21 Aug 1991, now
abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Chan, Christina Y.; Assistant Examiner: Marshall, S.
G.

LREP Arnold, White & Durkee

CLMN Number of Claims: 85

ECL Exemplary Claim: 1

DRWN 10 Drawing Figure(s); 6 Drawing Page(s)

LN.CNT 2222

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 112-00-5, Dodecyltrimethylammonium chloride 112-03-8,
Octadecyltrimethylammonium chloride 122-18-9,
Benzyldimethylhexadecylammonium chloride 122-19-0,
Benzyldimethyloctadecylammonium chloride 139-07-1,
Benzyldimethyldodecylammonium chloride 139-08-2,
Benzyldimethyltetradecylammonium chloride 929-73-7, Dodecylamine
hydrochloride 23616-79-7, Benzyltributylammonium chloride 147839-41-6
147839-42-7 147839-43-8 147839-44-9 147839-45-0 147839-46-1

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147839-97-2	147861-49-2	148105-75-3	148105-76-4	148105-77-5
148105-78-6				

(G protein function modulation by)

L62 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:41693 CAPLUS
 DN 124:233086
 TI Trisbipyridine metal ion's nest in three .alpha.-helix bundle structure
 AU Nishino, Norikazu; Kato, Tamaki; Murata, Tomonori; Nakayama, Hiroshi;
 Arai, Toru; Fujimoto, Tsutomu; Yamamoto, Hitoshi; Yoshikawa, Susumu
 CS Faculty Engineering, Kyushu Inst. Technol., Kitakyushu, 804, Japan
 SO Chemistry Letters (1996), (1), 49-50
 CODEN: CMLTAG; ISSN: 0366-7022
 PB Nippon Kagakkai
 DT Journal
 LA English
 IT **174721-97-2P 174763-07-6P**
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of bipyridylalanine-contg. helix bundle structure and
 complexation of nickel ion)

L62 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1995:999540 CAPLUS
 DN 124:30438
 TI Preparation of oligopeptide having binding affinity to HLA human
 histocompatibility antigen HLA-DRB1*0405
 IN Matsushita, Sho; Nishimura, Taiji; Takahashi, Katsushi; Komorya, Keiji
 PA Teijin Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 07206896	A2	19950808	JP 1994-4615	19940120
PRAI	JP 1994-4615		19940120		
OS	MARPAT 124:30438				
IT	157892-72-3P	157892-75-6P	157892-76-7P	157892-77-8P	164257-43-6P
	171769-98-5P	171769-99-6P	171770-00-6P	171770-01-7P	171770-02-8P
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	171770-62-0P	171770-63-1P	171770-64-2P	171770-65-3P	171770-66-4P
	171770-67-5P	171770-68-6P	171770-69-7P	171770-70-0P	

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of peptides having binding affinity to HLA human histocompatibility antigen HLA-DRB1*0405 as immunosuppressants)

L62 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1993:404029 CAPLUS

DN 119:4029

TI Mastoparan analogs for modulating G protein action

IN Higashijima, Tsutomu; Ross, Elliott M.

PA University of Texas System, USA

SO PCT Int. Appl., 96 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9303749	A1	19930304	WO 1992-US6825	19920814
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	CA 2114016	AA	19930304	CA 1992-2114016	19920814
	AU 9225145	A1	19930316	AU 1992-25145	19920814
	EP 602127	A1	19940622	EP 1992-918762	19920814
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
	US 5589568	A	19961231	US 1994-232453	19940422
PRAI	US 1991-748319		19910821		
	WO 1992-US6825		19920814		
OS	MARPAT 119:4029				
IT	112-00-5, Dodecyltrimethylammonium chloride		112-03-8,		
	Octadecyltrimethylammonium chloride		122-18-9,		
	Benzyltrimethylhexadecylammonium chloride		122-19-0,		
	Benzyltrimethyloctadecylammonium chloride		139-07-1,		
	Benzyltrimethyldodecylammonium chloride		139-08-2,		
	Benzyltrimethyltetradecylammonium chloride		929-73-7, Dodecylamine		
	hydrochloride	23616-79-7, Benzyltributylammonium chloride	147839-41-6		
	147839-42-7	147839-43-8	147839-44-9	147839-45-0	147839-46-1
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	148105-78-6				

RL: BIOL (Biological study)

(G protein function modulation by)

L62 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1990:77961 CAPLUS

DN 112:77961

TI Preparation and testing of cyclic hexapeptides as ulcer inhibitors

IN Wootton, Gordon; Watts, Eric Alfred

PA Beecham Group PLC, UK

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 325044	A2	19890726	EP 1988-312042	19881219
	EP 325044	A3	19900718		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	AU 8827071	A1	19890622	AU 1988-27071	19881220
	DK 8807093	A	19890623	DK 1988-7093	19881220
	ZA 8809479	A	19890927	ZA 1988-9479	19881220
	JP 01211599	A2	19890824	JP 1988-320812	19881221
PRAI	GB 1987-29802		19871222		
OS	MARPAT 112:77961				
IT	125042-91-3P	125042-92-4P	125042-93-5P	125042-94-6P	
	125042-95-7P	125134-00-1P			
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(prepn. of, as ulcer inhibitor)				

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1 ^V../SQSP
L63 1 L60 AND ^V../SQSP

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	26.90	1452.26

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L64 3 L63

=> D L64 1-3 BIB HIT

L64 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:778109 CAPLUS
DN 137:284374
TI Short bioactive peptides and methods for their use
IN Owen, Donald R.
PA Helix Biomedix, Inc., USA

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002079408	A2	20021010	WO 2002-US9534	20020328
	WO 2002079408	A3	20021128		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2003083243	A1	20030501	US 2001-820053	20010328
	US 2003109452	A1	20030612	US 2002-109171	20020328
PRAI	US 2001-279505P	P	20010328		
	US 2001-820053	A	20010328		
IT	20449-79-0, Melittin (honeybee)		121798-56-9	128262-53-3	133084-63-6
	133109-52-1	140896-21-5	147664-63-9	148080-22-2	148080-25-5
	157606-25-2	243990-62-7	389800-01-5	466691-05-4	466691-06-5
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	466712-13-0				

RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(short bioactive peptides and methods for their use)

L64 ANSWER 2 OF 3 USPATFULL on STN

AN 2003:159837 USPATFULL

TI Short bioactive peptides and methods for their use

IN Owen, Donald R., Kenner, LA, UNITED STATES

PI US 2003109452 A1 20030612
AI US 2002-109171 A1 20020328 (10)
PRAI US 2001-279505P 20010328 (60)
DT Utility
FS APPLICATION
LREP HOWREY SIMON ARNOLD & WHITE LLP, 750 BERING DRIVE, HOUSTON, TX, 77057
CLMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 4019

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 20449-79-0, Melittin (honeybee) 121798-56-9 128262-53-3 133084-63-6
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(short bioactive peptides and methods for their use)

L64 ANSWER 3 OF 3 USPATFULL on STN

AN 2003:120759 USPATFULL

TI Short bioactive peptides

IN Owen, Donald R., Kenner, LA, UNITED STATES

PI US 2003083243 A1 20030501

AI US 2001-820053 A1 20010328 (9)

DT Utility

FS APPLICATION

LREP HOWERY SIMON ARNOLD AND WHITE, LLP, 750 BERING DRIVE, HOUSTON, TX,
77057-2198

CLMN Number of Claims: 52

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 3164

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 20449-79-0, Melittin (honeybee) 121798-56-9 128262-53-3 133084-63-6
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(short bioactive peptides and methods for their use)

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(FILE 'HOME' ENTERED AT 10:59:08 ON 20 AUG 2003)

FILE 'REGISTRY' ENTERED AT 10:59:16 ON 20 AUG 2003

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L18	19 S L2 OR L3 OR L4 OR L5
L19	15 S L6 OR L7 OR L8 OR L9
L20	26 S L10 OR L11 OR L12 OR L13
L21	19 S L14 OR L15 OR L16 OR L17
L22	9 S L18 AND L19
L23	9 S L22 AND L20
L24	4 S L23 AND L21

L25

4 S L18 AND L19 AND L20 AND L21

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:05:04 ON 20 AUG 2003

FILE 'REGISTRY' ENTERED AT 11:05:17 ON 20 AUG 2003

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:05:41 ON 20 AUG 2003

L26

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L27

3 DUP REM L26 (0 DUPLICATES REMOVED)

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L50

1676 S L28 OR L49

L51

1694 S L48 OR L49

L52

1377 S L51 NOT AAAAAA/SQSP

L53

1317 S L52 NOT FFFFFFF/SQSP

L54

1169 S L53 NOT LLLLLL/SQSP

L55

980 S L54 NOT KKKKKK/SQSP

L56

265 S L55 AND .F./SQSP

L57

157 S L56 AND .A./SQSP

L58

138 S L56 AND .K./SQSP

L59

60 S L57 AND .K./SQSP

L60

25 S L59 AND .L./SQSP

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:25:27 ON 20 AUG 2003

L61

12 S L60

L62

12 DUP REM L61 (0 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 11:28:15 ON 20 AUG 2003

L63

1 S L60 AND ^V../SQSP

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:28:49 ON 20 AUG 2003

L64

3 S L63

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